

### Abstract of the Disclosure

A moving iron core that reciprocates in axial direction in response to a fuel injection signal is provided with a radial recess of a predetermined width and a predetermined depth on the outer circumference at a position facing a magnetic characteristic change portion produced in a yoke due to heat generated when a sleeve and the yoke are welded together. As a result, it is possible to suppress the variation in injection quantity characteristic of the products caused by the magnetic characteristic change portion of the yoke due to the heat generated at the time of welding the sleeve and the yoke together.